

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 03/00526

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B23Q3/00 B23B29/06 B23B29/18 B23B29/26 B23B29/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B23Q B23B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 158 (M-393), 3 July 1985 (1985-07-03), -& JP 60 034201 A (TAKAYUKI NOMURA), 21 February 1985 (1985-02-21) abstract	1-11
A	----- US 3 893 356 A (ATZBERGER FRANK) 8 July 1975 (1975-07-08) the whole document	1-11
A	----- GB 2 080 174 A (GARDNER BRIAN) 3 February 1982 (1982-02-03) the whole document	1-11
A	----- EP 1 074 336 A (HEYLIGENSTAEDT GMBH & CO KG I) 7 February 2001 (2001-02-07) the whole document	1-11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

16 September 2003

Date of mailing of the international search report

02.01.04

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 457 065 A (COATE WILLIAM C) 3 July 1984 (1984-07-03) the whole document -----	1-11

INTERNATIONAL SEARCH REPORT
Information on patent family members

International Application No
PCT/CH 03/00526

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 60034201	A	21-02-1985	NONE	
US 3893356	A	08-07-1975	CA 1013596 A1	12-07-1977
GB 2080174	A	03-02-1982	NONE	
EP 1074336	A	07-02-2001	DE 19937238 A1 EP 1074336 A2	15-02-2001 07-02-2001
US 4457065	A	03-07-1984	US 4330928 A CA 1141573 A1 DE 3067572 D1 EP 0028945 A1 US 4497410 A	25-05-1982 22-02-1983 24-05-1984 20-05-1981 05-02-1985